

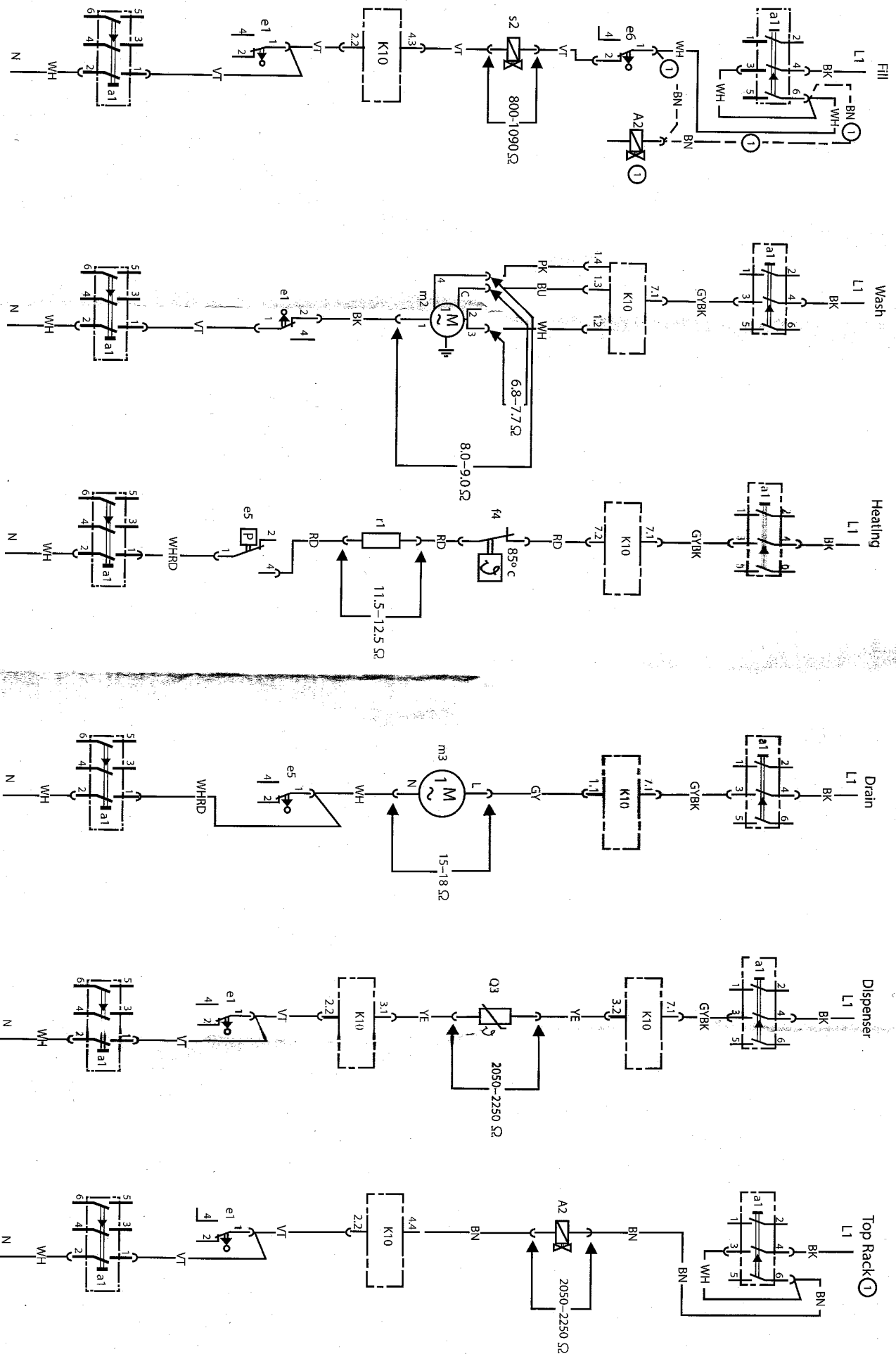
## ⚠ WARNING

### Dishwasher Component Circuit Diagrams/ Composant Circuit Diagrammes de Lave-vaisselle

Electric Shock Hazard. Product Installation, and use of this page, should only be undertaken by a professional service technician who has been trained on and is fully familiar with this product. Disconnect power before touching any part or taking any resistance measurements.

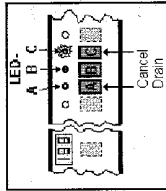
## ⚠ AVERTISSEMENT

Risque de choc électrique. La réparation doit être effectuée par un technicien qualifié seulement qui a été formé et est très familier avec ce produit. Débrancher l'alimentation électrique avant de toucher toute partie du module ou de procéder à toute mesure de résistance.



## e Storage and Customer Programs

ontrol provided with the dishwasher, stores error codes from the last wash cycle run (Units with a display the last eight wash cycles)



### I Function Menu -

ressing any two wash cycle buttons turn the dishwasher on with the main switch. The coding of the control shown in the display or with the LED's until you release the buttons. After releasing the buttons you will be pecial function menu. You will then need to select the program you wish to use. See below for further ons to access the program you wish to use.

### Storage -

To access the failure storage program press the "C" button when the following appears on the control



If the above is not displayed press the "B" button until it is displayed then press the C button The error code for the last wash cycle will be displayed (For the model employing the display, the "C" button can continue to be pressed to review the errors found in the last 10 wash cycles.)

To escape out of this program press the main switch off and on.

The failure storage can be cleared by running the customer service program

### ver Service Program -

To access the customer service program you must enter into the special function menu as shown above.

Then press the "B" button until the LED "C" is glowing or the display shows "B 1"



Press "C" button to start the Customer Service Program

By pressing the "B" button during the Customer service program will allow you to go to the next step in the program

If any of the LED's are blinking 2 times a sec, or an E with a number appears, see the error code

To cancel the customer service program press the main switch off and on

m Description	Temperature	Time (sec)	Fill Amount	Approximate Volume (L)
ump, Inlet Valve	15	0.25	1.4	0.1
ump, Water Inlet Valve	5	0.01	3.0/1.2/1.1	1.15
ump, Heater, Dispenser	60	120		11.0
ump, Heater Until Temperatures Reached	120			1.0
ump, Dispenser	30			11.0
ump, Heater, Aquasense Calibration	45			0.25
ump, Pump (5 sec. On 5 sec. Off)	15			1.75

### Codes (Shown with LED's and/or display)

ED's

B C

Display

Priority

## Repair Guide

### 4 WARNING

Steps to determine failure

Electrical shock hazard. Product repair should only be undertaken by a professional service technician who has been trained on, and is fully familiar with, this product

Failure Resolution

No Power

1. Check the field wiring connections and the main supply voltage is approximately 120 V.
2. Check if wire harness connections at the main switch and control are properly seated.
3. Check resistance with the main switch in the "ON" position between:
  - A. The "L1" (black wire) and the control connector 7.1 (Gray black wire).
  - B. The "L1" (black wire) and the control connector position 2.3 (Brown wire).
  - C. The "N" (white wire) and the control connector position 2.2 (Violet wire).

No Heat/Heating Error (E1), NTC Error (E2)

1. Check if the spray arms are turning when the customer service program.
2. Remove connector from control and measure resistance between the control connector pins 6.2 (Orange wire) and 6.4 (Orange wire)

3. Check resistance between control connector position 7.2 (Red wire) and N (White wire) with the main switch in the "ON" position and the flow switch (6) activated. Activation of the flow switch can be achieved by removing the flow water heater housing and depressing the button on the microswitch.

4. Check the resistance between the two terminals of the thermostat (14) and the two terminals of the heating element (11).

5. With the pressure switch removed, check if the pressure plate is able to move freely.

1. Check if detergent dispenser cover is locked.

2. Check connections to rinse aid dispenser, dispenser actuator (03) and control positions 3.1, 3.2, 5.1, 5.2, and 5.3 are seated properly.

3. Run customer service program with the dispenser actuator removed and observe if the actuator operates. The dispenser actuator should operate first to open detergent dispenser door and then a second time to dispense rinse aid.

4. Check resistance between the terminals of the dispenser actuator.

Will not drain

1. Check if figure drain line is clogged.
2. Check drain hose length is no longer than 30' and includes a 20' drain loop.
3. Check if garbage disposal plug is removed.
4. Check if drain hose is clogged in place.
5. Check if drain pump impeller is blocked.
6. Check current draw during the drain phase of the customer service program.
7. Check the wiring and run times at terminal 1 of the safety float switch (1), drain motor and control position 1.1 (Gray wire).
8. Check the resistance between "N" and control connector position 1.1 (Gray wire).

Main Pump not turning, Motor will stop

1. Check if the unit is filling with enough water during the customer service program.
2. Check the current draw of the dishwasher during the heating part of the customer service program.
3. Check for clogged spray arms in floors.
4. Check if the main pump can rotate freely when power is the motor run.

5. Check connections to the main motor, main switch (1), flow switch (1), control positions 1.2, 1.3, and 1.4 are seated properly and not damaged.

6. Check the resistance between the main motor terminal 1 (Black wire) and flow switch terminal 1 (Violet wire) with the dishwasher floor in the closed position.

7. Check the resistance between motor terminal 1 (Black wire) and 4 (Pink wire).

8. Check the resistance between motor terminal 3 (White wire) and control terminal with two blue wires.

Will not fill, does not fill with enough water

1. Check if water supply is turned on and water pressure is between 15 - 145 psi (1 - 10 bar)

2. Check if water inlet screen is not blocked.

3. Check if the safety float system is activated or water is in the base of the dishwasher

Turn water supply completely on and adjust to proper water pressure.

Clean out water line and screen.

Check for leaks and drain water from the base to disengage the safety float system. If water will not

turn, turn the dishwasher back on and fill the water line.

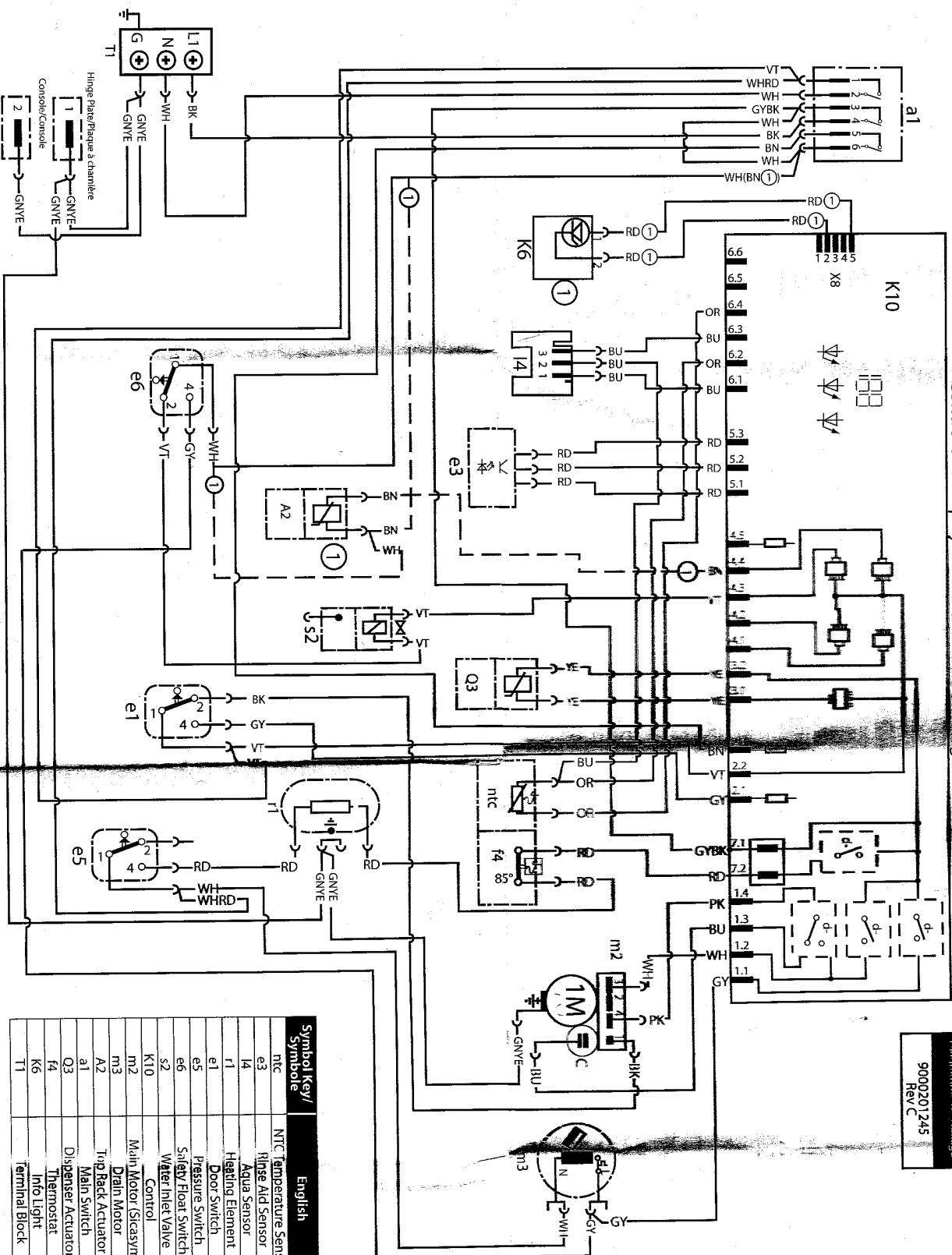
# **⚠ WARNING**

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## Control and Display Module/ Module affichage/contrôle



Wiring Diagram  
Schéma de câblage  
9000201245  
Rev C

Wiring Diagram  
Schéma de câblage  
9000201245  
Rev C

Symbol Key/ Symbole	English	Français
BK	Black	Noir
BN	Brown	Brun
RD	Red	Rouge
YE	Yellow	Jaune
GN	Green	Vert
BU	Blue	Bleu
VT	Violet	Violet
GY	Grey	Gris
WH	White	Blanc
PK	Pink	Rose
OR	Orange	Orange

Symbol Key/ Symbole	English	Français
NTC	NTC Temperature Sensor	Capteur de température NTC
e3	Ring Aid Sensor	Capteur agent de rinçage
14	Aqua Sensor	Capteur de aqua
r1	Heating Element	Élément chauffant
e1	Door Switch	Interrupteur de porte
e5	Pressure Switch	Interrupteur de pression
e6	Safety Float Switch	Interrupteur à flotteur de sécurité
s2	Water Inlet Valve	Soupppe entrée d'eau
K10	Control	Contrôle
m2	Main Motor (Sicasym)	Moteur principal (Sicasym)
m3	Drain Motor	Moteur de drainage
A2	Top Rack Actuator	Actionneur panier supérieur
a1	Main Switch	Interrupteur principal
Q3	Dispenser Actuator	Actionneur de distributeur
f4	Thermostat	Thermostat
K6	Info Light	Voyant info
T1	Terminal Block	Bloc de bornes

① If feature is available / Si caractéristique disponible

Bosch DistriMSHER